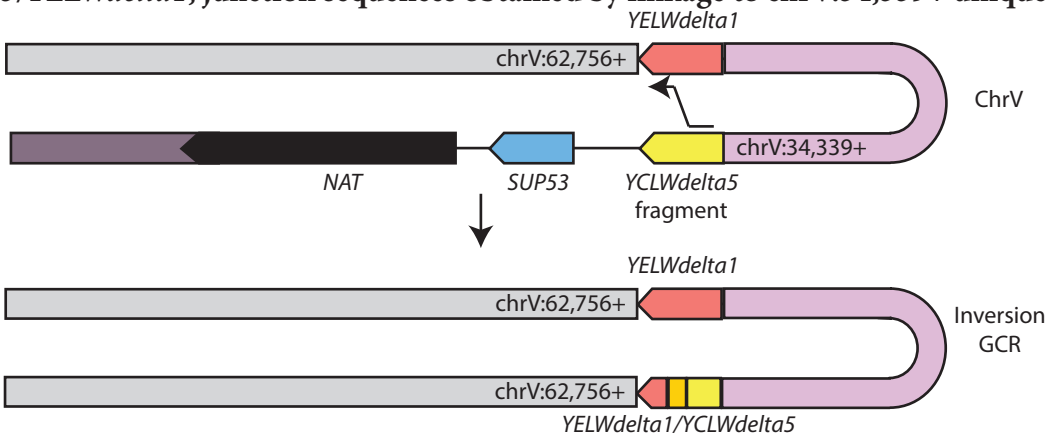
S11 Fig.

A. ***YCLWdelta5/YELWdelta1*, junction sequences obtained by linkage to chrV:34,339+ unique region**



B.

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                                ChrV 34,339-:
parental GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
         |||||||||||||||||||||||||||||| |||||||||||||||||||| :|  |||||||||||||||||||||||||||||||||||||||
YELWΔ1                                 :CCTCGAGGAGAACTTCTAGTA:CAT:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
                                        |||||||||||||||||||| :|: |||||||||||||||||||||||||||||||||||||||
352      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:CAT:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
350      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:CAT:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
324      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:CAT:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
304      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:CAT:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
310      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:CAT:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
328      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:CAT:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
331      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:CAT:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
353      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:CAT:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
548      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:CAT:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
346      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
330      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
326      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
325      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
308      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
307      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
305      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
306      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
311      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
351      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
355      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
347      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
323      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA
345      GAGAAAGAAAGTCGCTTCAAGCTAACCCAG:CCTCGAGGAGAACTTCTAGTA:TA-:TCTACATACCTAATATTATTGCCTTATTAAAAATGGAA

parental TCCCAACAATTA:CA:TCAAAAT:C:CAC:ATT:CTCTTCAA:aatcaattgtcctgtacttccttgttcatgtgtgttcaaaaacgttatattt
         |||||||||||| :: ||||||| : ||| ::: ||||||||
YELWΔ1   TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
         |||||||||||| :: ||||||| : ||| ::: ||||||||  ||||||||||||||||||||||||||||||||||||||||||||||||||||
352      TCCCAACAATTA:TC:TCAAAAT:C:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
350      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
324      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
304      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
310      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
328      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
331      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
353      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
548      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
346      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
330      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
326      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
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308      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
307      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
305      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
306      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
311      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
351      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
355      TCCCAACAATTA:TC:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
347      TCCCAACAATTA:CA:TCAAAAT:T:CAC:CCA:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
323      TCCCAACAATTA:CA:TCAAAAT:C:CAC:ATT:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
345      TCCCAACAATTA:CA:TCAAAAT:C:CAC:ATT:CTCTTCAA:TTATCATATAGGACAGAATTAGTTGACAAAAAGTACGATGGGAAACAGCTAT
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